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ABSTRACT

Filmstrip projectors offered by thirteen manufacturers are described in this catalog. The projectors are listed alphabetically by manufacturer. In most cases the catalog first lists the features and technical specifications of a given line of projectors. It then notes the additional options available on each model in the line together with the model's price. A directory lists the names and addresses of the manufacturers. (JY)

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FILMSTRIP PROJECTOR CATALOG

Compiled by
May Migliaccio
January 1971

009078

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AUDISCAN

Audiscan combines sight and sound in a single sealed 5" x 5" x 1½" electronically operated "snap-in" cartridge. It offers a 16mm continuous-loop film strip and synchronized audio-tape system that can be programmed for up to 25 minutes of sound and 225 visuals in a single cartridge.

Features:

- Sound/sight in single "snap-in" cartridges, which are interchangeable in less than 2 seconds.
- No rewinding - instant replay.
- Automatic stop/hold with viewer demand "continue" control.
- Manual hold.
- Manual picture advance.
- Rapid picture advance programming to 5 frames per second.
- Adjustable volume control.
- Brilliant screen-sharp, clear, easy viewing.
- Compact, portable projector fits under airline seat.
- Weight approximately 12½ lbs. with cartridge.
- Maximum "sealed-in" protection for film and tape.

Specifications - sound/filmstrips projector - all models.

Audiscan I is the basic projector model. The difference between models is in the programming of circuits. This determines the number and location of controls needed for the intended use of the system.

- Power - 200 watts, 115 v., 60 Hz.
- Size - 9 x 10 x 14 inches.
- Weight - Approximately 12.5 pounds.
- Lamp - 150 watts, 125 v. (BEH) (Tru-Focus).
- Lens - f 1.4 12.5 mm wide angle projection lens.
- Cooling - Forced air for lamp and film at 30 cfm.
- Tape Speed - 3.75 ips.
- Tape Size - Standard two-track ¼ in. continuous loop.
- Tape Drive - 4 pole motor with O-ring drive to 1 lb., 4 inch fly wheel.
- Screen - 5-9/16 x 7-1/2 inch no glare plexi lenscreen.
- Cord Reel - Retractable, with 12 ft. cord.

Specifications - Audiscan Cartridges

Made from high impact styrene with Celcon tape and film guides.

- Size - 5 x 5 x 1.5 inches.
- Weight - 8 ounces.
- Film Capacity - 225 frames of 16mm double sprocket hole film.
- Tape Capacity - 25 minutes, with ¼ inch, 1 mil. lubricated one side tape.

Audiscan I. --- \$ 360.00

Recommended as a Sales Unit. Has all controls on the back; is programmed to play non-stop until finished. Automatic shut-off.

Audiscan B. --- \$ 385.00

Recommended as a Sales or "Work Break" training tool. Circuits same as Audiscan I, but includes a manual HOLD on the front and earphone jack with speaker disconnect.

Audiscan C. --- \$ 375.00

Recommended for point-of-purchase use. Same basic circuit as Audiscan I, but with a program "start" button on the front for retail customer-command use. Automatic shut-off.

Audiscan A. --- \$ 405.00

Recommended as a dependable self-training tool, has front controls and circuits for sequential programming with automatic stop/hold and manual "continue" control.

BELL AND HOWELL COMPANY, AUDIO VISUAL PRODUCTS DIVISION

Model 745

Special Features:

Cartridge loading	Rapid rewind
Automatic threading	Instructions on top of projector
Jet stream cooling	Lamp ejection lever
Remote control (745C only)	Complete line-up of accessory lenses
No film sticking	Permanently attached line cord
Completely self-contained	3-Position "off-cool-lamp" switch
Accepts single 2 x 2 slides	Radial leveling
and Semimatic Changer	Dial focusing
Die cast aluminum construction	Positive elevation control

Model 745A --- \$ 93.45 - Has all features listed plus 5" f/3.5 lens, 500 watt illumination.

Model 745B --- \$ 118.95 - Has all features listed plus 5" f/2.8 lens, 750 watt illumination.

Model 745C --- \$ 135.95 - Has all features listed plus 5" f/2.8 lens, 750 watt illumination, forward and reverse remote control.

DU KANE AUDIO-VISUAL EQUIPMENT COMPANY

Super Micromatic - Model 14A650A --- \$ 295.00

Automatic or push button, 500 watt projector for sound filmstrips with disc records. Plays 33-1/3 or 45 rpm records with program hold control and film takeup. 7½ x 13½ x 15½ inches, 24 pounds.

Micromatic - Model 14A390E --- \$ 265.00

Same as Super Micromatic but 300 watt.

Manual Matic - Model 14A335E --- \$ 170.00

Same as Micromatic but not automatic or push button and no program hold control.

Cassette Super Micromatic - Model 28A15 --- \$ 325.00

Automatic or push button 500 watt projector for sound filmstrips with-tape cassettes. With program hold control, rewind, fast forward and film takeup. $7\frac{1}{2}$ x 15 x $15\frac{1}{2}$ inches, 26 pounds.

Cassette Micromatic - Model 28A9 --- \$ 295.00

Same as Cassette Super Micromatic but 300 watt.

Automatic Flip-Top - Model 14A500D --- \$ 225.00

Automatic or push button portable viewer for sound filmstrips with disc records. With program hold control, film takeup and earphone jack. 7 x 13 x 16 inches, 9 x 7 screen.

Push Button Flip-Top - Model 14A543C --- \$ 165.00

Same as Automatic Flip-Top but not automatic and no program hold control.

Manual Flip-Top - Model 14A533E --- \$ 123.00

Same as above but no push button operation.

A-V Matic - Model 14A285E --- \$ 240.00

Automatic or push button viewer for sound filmstrips with disc records. With program hold control, film takeup, earphone jack and push button on front panel. 13 x 15 x 11 inches.

Cassette A-V Matic - Model 28A11 --- \$ 275.00

Same features as above but featuring tape cassette sound. Weight 23 pounds.

Cassette Commander - Model 28A12 --- \$250.00 (Accessory battery pack - Model 17A112 --- \$80.00)

Push button start, battery or AC operated, automatic tape cassette sound film-strip viewer. Transistorized amplifier provides instant sound. Program hold control for stopping pictures and sound. 7 x 10 x $15\frac{1}{2}$ inches, 17 pounds.

Mite-e-Lite - Model 14A395C --- \$ 104.50

Has lever-action advance which provides instant picture change. One control for lamp, fan motor, phono motor and sound level. Carrying case opens into a screen for table-top use. Plays $33\frac{1}{3}$ or 45 rpm records to 12" diameter. Cover has storage pocket for literature. $13\frac{1}{4}$ x $13\frac{1}{2}$ x $7\frac{3}{8}$ inches, $13\frac{1}{2}$ lbs.

Electronic Programmer - Model 9A1070 --- \$ 2150.00

This electronic programmer is a systems control center to provide control and accuracy for multi-media, multi-screen presentations. Set up and control special effects for displays and exhibits with pre-programmed punched tape. Operate several units automatically with single push-button control. Size: 19 x 19 x $14\frac{1}{2}$ inches. 50 pounds.

Compact Vista-Sell Model 28A5 --- \$ 140.00

Projector is ideal for counter-top merchandising or for multiple use in displays. Pictures move across the screen left to right in a continuous flow. Length of program can vary from one scene to 15 minutes. 35 mm film travels at a rate compatible with viewer interest. Automatic timer available as an accessory. Screen size: 12 x 7 inches. Size: 15 x 13 x 13 inches.

Vista-Sell Model 576-71B --- \$ 220.00

Pictures flow continuously across the screen. Provides brilliant picture, even in brightly lighted area. Runs continuously without supervision. Screen size: 11½ x 20 inches. Size: 14 x 18½ x 31 inches, 45 pounds.

ELCO OPTISONICS

Mastermatic I - 35mm Sound-Filmstrip Projector

Features:

UNIPAK - TM 35mm filmstrip/sound tape cartridge drops in place instantly; no threading or rewinding.
Choice of front or rear projection simply by changing lenses; quickly adapts to large and small audiences.
Self-contained, light (weighs only 18 lbs.) and easy to carry; fits easily under airplane seat for air travel.
Choice of automatic operation and shut-off (or continuous replay), or manual, frame-by-frame control.
Pause control holds visual presentation and interrupts sound to accommodate audience response.
Large, color-coded push-button controls are conveniently located for easy operation.
External framing and focusing controls; adjustable elevation control facilitates front projection.
Retractable power cord.
Large, front-mounted speaker with external speaker or headphone jack.
Plug-in, solid state circuitry.
Internal spare lamp and front projection lens storage.
Operates in undarkened rooms.

Specifications:

Media: Single-frame 35mm filmstrip and ¼" magnetic tape (both housed as endless loops in UNIPAK-TM cartridge)
Speed: Filmstrip, 5 frames per sec. maximum; tape, 3-3/4 IPS or 1-7/8 IPS
Capacity: Filmstrip, 26-.85 frames. Tape, 15 minutes at 3-3/4 IPS or 30 minutes at 1-7/8 IPS (\$20.00 additional).
Operation: Fully automatic; filmstrip/tape synchronization by inaudible 1200 Hz signal (1/5 sec. for advance; 2-1/2 sec. for shut-off).

Amplifier: 8 transistor plug-in unit; 2 watt audio power output.
Speaker: Front-mounted 4-inch, high efficiency PM type.
Lamp: CAL type; 300 watts air cooled.
Lenses: 22mm F/2.8 (rear projection); 75 mm F/3.5 (front projection).
Screen: 7-5/8" x 10" fold-out Polacoat (rear projection)
Dimensions: 13-1/2" x 17-1/2" x 6-3/4"
Weight: 18 lbs.
Case: Aluminum chassis with impact-resistant plastic front and rear panels.
Power: 500 watts; 117 vac 60 Hz, 117 vac 50 Hz, 230 vac 50 Hz.

Mastermatic I Projector with UNIPAK - TM Cartridge:

Rear Projection --- \$ 350.00
Front and Rear Projection --- \$ 375.00
Unloaded Cartridge --- \$4.95

(Accessories available.)

Recommended for classrooms, sales, trade shows, displays, point-of-purchase, training

HUDSON PHOTOGRAPHIC INDUSTRIES, INC.

Prima Filmstrip Projector

Normal dark room procedures are followed for operation. It fills any 50" screen. Can be used in a study carrel or on a table top. Prima has a built-in tachistoscope shutter that allows projection of an image on the screen in very short flashes. It is constructed of material similar to that used in crash helmets. It tilts to any screen height. Weighs 2½ lbs.

Model #340 (75 watt) --- \$ 34.50
Model #350 (150 watt) --- \$ 44.50

Prima Filmstrip Viewer

Ideal for classroom, library or carrel, for take-home or one-to-one tutor use. The built-in screen measures 4 x 5 inches. It is made of a rigid plastic "black" screen material that can be cleaned easily. It has a non-reflective surface that eliminates overhead light reflections and is tilted back 20 degrees to provide a comfortable viewing angle for the seated observer. It is made of plastic and weighs 3 lbs. All parts are locked on; thus there are no lenses, knobs or other parts that can be removed by the user. It accepts only filmstrips so that it has no second use. It can be lent out like a book. It accepts all standard filmstrips. The filmstrip is automatically kept in frame after the first frame is adjusted. Frame advance is operated from the left or the right. There are no glass plates to break or scratch. The frame advance mechanism engages only when the advance lever is depressed. At all other times the filmstrip is held in focus, but can be pulled forward or reverse, at any speed. Illumination is provided by a 30-watt lamp, and features an approved 3-wire cord with rotary on/off switch.

Model 330 --- \$ 20.00 (school price).

KALART VICTOR

Remote Push-Button Control - Filmstrip Projectors

Features self-contained remote push-button operation, forced air cooling, spring-lock positive framing, T-10 prefocused base lamp, 5" focal length, F/3.5 AUTOMAR lens.

Model PS45 (500 watt for 35mm filmstrip) --- \$ 136.00

Model PS65 (500 watt for 35mm filmstrip, accommodates 2" x 2" and bantam slides; three-position switch (off-fan-lamp) --- \$ 142.00

Manual Lever Action Control Filmstrip Projector

Features lever action film advance for instant positive picture change, separate fan and lamp switch, fan cooled, 5" F/3.5 AUTOMAR lens.

Model PhD (500 watt for 35mm filmstrip, accommodates 2" x 2" and bantam slides) --- \$ 115.00

Automatic Sound Filmstrip Equipment

Solid state low frequency controller 30/50 cycle system. Features cover-mounted removable 8" speaker with 25 ft. extension cable and 4" x 6" built-in speaker. Allows audience participation up to 150 people. Can also be used for manual operation. Push-button remote control projector removable from case for use as an independent unit. Case size: $14\frac{1}{2}$ x $8\frac{1}{2}$ x 17 inches. Audio output 5 watts, 16-2/3, 33-1/3, 45 and 78 rpm turntable. Will accept 16" records.

Model SAT-45DS with PS-45 projector --- \$ 315.55

Model SAT-65DS with PS-65 projector --- \$ 321.85

Model SAT-DS Automatic Sound Reproducer only --- \$ 183.75

Following models same as above except without 4" x 6" speaker:

Model SAT-45D with PS-45 Projector --- \$304.00

Model SAT-65D with PS-65 Projector --- \$309.75

Model SAT-D Automatic Sound Reproducer only --- \$ 170.00

Manual Sound Filmstrip Equipment

Features removable 8" speaker with 25 ft. extension cable and 4" x 6" built-in speaker. Allows audience participation up to 150 people. Pushbutton remote control projector removable from case for use as an independent unit. Case size: $14\frac{1}{2}$ x $8\frac{1}{2}$ x 17 inches. Audio output 5 watts, 16-2/3, 33-1/3, 45 and 78 rpm turntable. Will accept 16" records.

Model SMT-45DS with PS-45 projector --- \$ 278.50

Model SMT-65DS with PS-65 projector --- \$ 284.30

Model SMT-DS Manual Sound Reproducer only --- \$ 148.00

Following models same as above except without 4" x 6" speaker:

Model SMT-45D with PS-45 projector --- \$ 260.40

Model SMT-65D with PS-65 projector --- \$ 266.70

Model SMT-D Manual Sound Reproducer only --- \$ 129.15

LA BELLE AUDIO/VISUAL EQUIPMENT

35mm Synchronized Continuous Tape-Filmstrip Series

Courier I

Portable, continuous, synchronized tape/filmstrip audio/visual sales tool with 5 x 8 inch Polacoat screen. No set up necessary--ready to play anywhere on internal battery-pak or from available AC power source. Battery recharges overnight on AC power. Attache case shape, size and appearance. Weighs only 15 lbs. Capacity: 15 min., 150 frames.

--- \$ 350.00

Courier II

Same as above, except with battery eliminated. Operates on AC power only. Battery can be added later if desired.

--- \$ 265.00

Programs interchangeable--Courier I and II 35mm continuous filmstrip and audio cartridge interchangeable with Sentinel 35.

Sentinel 35

A continuous, synchronized tape/filmstrip unit. Compact--requires less than 2 square feet of space--8-3/4 x 12 inch screen. Can be programmed to stop with lamp on or off. Operates on command or runs continuously. Remote start and stop access provided. Uses Courier I or II programs. Larger 40 minute tape cartridge available for Sentinel 35.

--- \$365.00

"Syncro-Lock".....Optional automatic resynchronizing feature for unattended or continuous replay. Sentinel 35 with "Syncro-Lock"

--- \$ 390.00

16mm Single Cartridge Synchronized Sight/Sound Series

Courier 16

Portable audio/visual unit utilized the LaBelle COMMPAK cartridge of permanently synchronized sight and sound. Fast sequence scenes approach animation suggesting motion. Attache case design with self-contained screen. AC operation.

--- \$ 298.00

Sentinel 16

Larger screen, self-contained. Keeps dramatized story working automatically in displays, at point-of-purchase, or where there are people. Educates, communicates, demonstrates. Uses LaBelle COMMPAK Cartridge.

--- \$ 398.00

Tutor 16

Large screen projected image. Uses LaBelle COMPAK cartridge.

(Available soon).

Sight/Sound SYNC Equipment

Pla-Matic

These units are designed to provide synchronization with any existing remote controlled filmstrip or slide projector. Dual track tape provides audio and advances projector in perfect synchronization from a silent magnetic signal. Tape cartridges load instantly--no threading--ready to use. Special signal stops tape transport mechanism at end of program. 40 minutes playing capacity.

The Pla-Matic I has a transistorized amplifier with pre-amp output and remote speaker jack, 3.75 ips (7.5 ips available on order). 5" speaker. Plastic-covered wooden carrying case with hinged cover.

Pla-Matic I --- \$ 225.00

Pla-Matic 83

High commercial quality. Transistorized amplifier. 4" speaker. Extremely compact case; ideal for built-in application. AC line sockets provided to automatically control line power to accessory equipment. 3.75 ips only.

Pla-Matic 83 --- \$ 145.00

Tutor I

Combination continuous tape player with synchronized 35mm filmstrip projection. Filmstrip up to 200 frames. Dual track tape--either large (40 min.) or small (15 min.) continuous tape cartridges. Detachable cover contains built-in screen for desk top presentations. Can also be used for larger groups with projection to screen. 3.75 ips (7.5 ips models available on order).

Tutor I --- \$ 295.00

LEARNING THROUGH SEEING, INC.

The TP-Mark I Tachist-O-Flash Projector

A dual purpose filmstrip projector with an electronic variable timing control for speeds from 1-1/2 seconds to 1/50 of a second. 300 watt lamp plus efficient, high resolution optics produce sharp, bright images for Tachist-O-Films, as well as standard color or black and white filmstrips.

TPI --- \$ 155.00

The Tachist-O-Viewer

A multi-use teaching device for individualized learning with Tachist-O-Films programs, the Tachist-O-Viewer is simple to use and maintain. It may be used with standard color or black and white filmstrips. Rate of image presentation is electronically controlled from 1/5 to 1/40 of a second.

TOV --- \$ 115.00

MAST DEVELOPMENT CO.

Mast Series 332 Random Access Filmstrip Projectors

Specifications:

Film Capacity: 100 frame (132), 200 frame (132A), 300 frame (132B), 35mm closed loop. A 50-frame loop can be used by repositioning idler spool.

Usable Film Gate Aperture: 5/8" x 15/16".

Access Time (Request to Projection): 0.25 second to adjacent frame, 3.50 seconds maximum.

Repeat Locating Accuracy: ± 0.010 " at filmgate, 3/16" on screen.

Projection Lens: 2 $\frac{1}{4}$ ", f/3.

Lamp: Blower cooled 300 watt CYF, mechanically doused during frame search.

Controls: Rotary switches (or push buttons by special order). Actuate Button. A new frame request does not interrupt projection until actuate button is pressed. On-Off Switch.

Power Requirement: 115 VAC, 60 or 50 cps, 360 W.

Dimensions: 12 $\frac{1}{4}$ " x 11 $\frac{1}{4}$ " high x 13-3/4" deep**

Weight: 19 lbs.

With Model 132RW Rack Mount Cabinet: 24 $\frac{1}{2}$ " high x 19" wide x 20" deep (fits standard 19" rack or cabinet). Weight: 58 lbs.

Viewing Screen: 10" high x 15" wide---Polacoat Plexiglas Lenscreen.

Projectors can be ordered individually or with cabinet.

**Slightly increased on Models 132A and 132B.

Standard Models

50/100 Frames

132 \$ 1140

200 Frames

132A \$ 1390

300 Frames

132B \$ 1540

With On-Off and Actuate

132Y \$ 1190

132AY \$ 1440

132BY \$ 1590

Rack Only

132R \$ 325

132AR \$ 325

132BR \$ 355

With Standard Projector

132RW \$ 1465

132ARW \$ 1715

132BRW \$ 1805

With Projector and On-Off, Actuate

132YRW \$ 1515

132AYRW \$ 1765

132BYRW \$ 1945

With CI Rotary Switch Control

132YRWC1 \$ 1640

132AYRWC1 \$ 1910

132BYRWC1 \$ 2110

With C2 Push Button Control

132YRWC2 \$ 1750

132AYRWC2 \$ 2010

132BYRWC2 \$ 2190

THE SINGER COMPANY/GRAFLEX DIVISION

SM-400/SM-400 RC Projectors (Accept filmstrips or slides)

SM-400

Features:

Standard ASA code CAL 300 watt Proximity Reflector Lamp.
Three-Position Rotating Switch 1, Cooling Fan and Lamp on 2, Fan Only 3,
Fan and Lamp off.
High efficiency condensing and optical system.
3-inch f/3.0 Projection lens, for rapid, wide-range, push-pull focus.
Optically curved glassless filmstrip gate made of stainless steel.
Easily removed for slide projection.
Cooling system by motor driven fan, safely placed under projection lamp.
Large, easy-to-grip knob filmstrip advance.
Single lever independent-of-advance-knob framing.
Positive, screw adjustment elevation control.
Pull-up film retainer. Holds filmstrip without binding.
Permanently attached, 9 foot long, rubber covered power cord.
Weight: $6\frac{1}{2}$ lbs. Dimensions: $7\frac{1}{2}$ " x $4-9/16$ " x $9-3/8$ ".

Manual Kit includes SM-400 Projector, Filmstrip Feed/Take-Up attachment,
Stack-type Slide Changer, SM Carrying Case for Projector and all
attachments.

Cat. No. 3531 --- \$ 92.45

SM-400 Kit includes SM-400 Projector, Filmstrip Feed/Take-Up attachment,
Single Slide Carrier, SM Carrying Case for Projector and all attach-
ments.

Cat. No. 3536 --- \$ 87.70

SM-400RC

Features:

Same as above except for remote operation; push-button with forward and
reverse selection switch on 30' cord.

Remote Control Kits include SM-400 Remote Control Projector (50-60 cycle,
117 volt, 3-wire operation)

Cat. No. 3501 --- \$ 109.00

Cat. No. 3503 --- \$ 133.70 (includes stack-type slide changer, SM Carrying
Case for Projector and all attachments.)

Cat. No. 3504 --- \$ 129.00 (includes single slide carrier, SM Carrying Case
for Projector and all attachments.)

"E-Z Viewer"

For previewing of filmstrips. Completely self-contained; can be used on
desk or held in hand. The two-polished-lens optical system provides
clear, brilliant, sharp pictures enlarged three times. Metal stand as-

sures recommended 45° viewing angle. Has on-off switch and weighs 1½ lbs. Size folded: 4½" wide, 2-¾" high, 5-¾" long. 110-120 volts, AC.

Cat. No. 3895 --- \$ 19.75

School Master Multi-Purpose Projectors

Features:

Projects filmstrips or 2 x 2 slides.
Easy threading filmstrip channel.
5" f/3.5 anastigmatic, color-corrected coated lens.
Two condenser lenses and separate heat-absorbing filter in lift-out unit.
Twin glass floating aperture plates keep films flat, at correct angle to optical axis.
Separate elevation and leveling controls.
Telescoping carrying handle.
Four-blade, 4" diameter cooling fan, powered by quiet, shaded-pole, life-time-lubricated motor, surrounded by steel safety guard.
Graflex accessories custom-designed to fit all models.
Complete with 10' power cord and molded plug.
All-die-cast-aluminum body finished in durable service gray.

School Master 750 Watt Projectors

For Remote Control-750RC, (Model 101) includes all features mentioned above, plus push-button remote advance control on 15" cord. Weighs 13 lbs., 4 oz. Dimensions: 12½" long, 9-¾" wide, 10¼" high (60 cycle, 117 volt operation).

Cat. No. 3826 --- \$ 163.00

School Master 750 (Remote) Kit includes School Master 750 Remote Projector (Cat. No. 3826), Combination Carrying Case and Semi-Automatic Slide Changer.

Cat. No. 3851 --- \$ 188.20

For Manual Operation, Standard 750 Watt School Master (Manual) Model 100 offers all the features mentioned above without remote control. Weighs 11 lbs., 12½" long x 7½" wide x 10¼" high. (60 cycle, 117 volt operation)

Cat. No. 3828 --- \$ 126.00

School Master 750 (Manual) Kit includes School Master 750 Projector, Standard Carrying Case and Semi-Automatic Slide Changer.

Cat. No. 3850 --- \$ 146.95

School Master 500 Watt Projectors

For Remote Control-500 RC (Model 103) includes all features mentioned previously plus push button remote advance control on 15' cord, weighs 8 lbs., is 12" long, 8¼" wide, 8-¾" high. For 50 cycle, 117 volt operation.

Cat. No. 3820 --- \$ 147.00

School Master 500 (Remote) Kit includes School Master 500 Remote Projector, Combination Carrying Case, and Semi-Automatic Changer. 60 cycle, 117 volt operation.

Cat. No. 3853 --- \$ 169.60

For Manual Operation-Standard 500 Watt Lamp School Master (Manual, Model 102) offers the same features mentioned previously, less remote control. Weight: 7 lbs., 12 oz. Size: 12" x 15½" x 8-3/4". Standard 60 cycle, 117 volt operation.

Cat. No. 3809 --- \$ 110.00

Cat. No. 3819 --- \$ 110.00 (for 50 cycle, 117 volt operation)

School Master 500 (Manual) Kit includes School Master 500 Projector, Standard Carrying Case, and Semi-Automatic Slide Changer. 60 cycle, 117 volt operation.

Cat. No. 3852 --- \$ 129.95

SM-1000/SM-1000RC Projectors

Features:

Projects filmstrips or 2 x 2 slides.

Automatic rewind takeup.

5" f/3.2 anastigmatic, color-corrected coated lens; 3", 5" and 7" lenses also available.

Two condenser lenses.

Self-contained storage for easy handling.

Whisper-quiet blower exhausts to rear.

Floating foot elevation control automatically adjusts to irregular surfaces.

All moving parts shielded for safety, external surfaces always cool to touch.

Three-position switch for fast cooling.

Durable, die-cast aluminum frame, two-tone beige and brown finish.

Remote model equipped with 30' cord and 2-position switch for fingertip selection of forward/reverse or free-running rate.

Curved, glassless filmstrip channel eliminates cleaning problems and prevents popping.

Graflex accessories custom-designed to fit both models.

Complete with 10' grounded and molded clip-on plug.

Cat. No. 3920 --- \$ 135.00

SM-1000RC Remote Control Projector includes a 30' control cord with special Graflex automatic triggering device for advancing forward, in reverse, or at a rapid, free-running rate.

Cat. No. 3900 --- \$ 172.00

Study Mate (Rear Screen Filmstrip Projector)

Features:

Compact Size -- height 9-7/8", width 1-7/8", depth 4-3/8".

Weights less than 3 lbs.

Housing material is impact resistant, light weight molded polystyrene.

AC current, 117V, 50-60 Hz 8-foot power cord and plug with storage area provided.

High resolution lens--f/3.3, 4-element lens system including 3 glass lenses coated for anti-reflection and anti-static and one plastic meniscus lens.

Bright Lamp--ASA 30 watt, type BLC, projection lamp.
Viewing Screen--3 x 4 picture size.
Filmstrip Handling--Recessed container holds film at the front of the projector.
Manual films advancement by two recessed knobs, one on each side of the unit.
Film is sprocket driven. Film take-up at rear of projector in recessed area with a spring-hinged shelf for re-winding film.

Cat. No. 3882 --- \$ 29.95

STANDARD

Model 40 Record Player (With Speaker in Cover)

Features:

Solid state circuitry with silicon transistors. Sturdy, vinyl covered carrying case, detachable cover. High quality gear driven, padded turntable. Accurate 4-speed control. Dynamically balanced tone arm with safety lock. All speed flip-over cartridge. Snap-up 45 rpm adapter. Convenient push-in cord receiver. External jack for speakers or headphones. Very wide frequency response. Vibration-absorbing rubber feet. Distortion-free power sufficient for even large classrooms. Electric receptacle for projector plug.

Has speaker (and 25' remote speaker cord) in detachable cover allowing the sound to emanate from the most advantageous room position. Fitted compartment will accommodate any of the six 333-666 series projectors.

Specifications:

Dimensions closed: 9½" x 13½" x 15"; weight: 16 lbs., plus projector; speaker: 6" round; electrical: 115 VAC, 60 cycles, solid state seven watts (peak power) amplifier.

<u>This Sound Unit...</u>	Model 40 Record Player	Model 40 Automatic-Same as
	with Speaker in Cover	Model 40 plus 3/50 cycle
	(\$ 79.95 plus projector)	circuit. Fully Automatic

With This Projector

Model 333 (150 watt) Filmstrip Projector	Comb. 1 \$ 115.00
Model 666 (300 watt) Filmstrip Projector	Comb. 2 \$ 129.00
Model 333-C (150 watt) Filmstrip & Slide Projector	Comb. 3 \$ 129.00
Model 666-C (300 watt) Filmstrip & Slide Projector	Comb. 4 \$ 146.00

This Sound Unit... Model 40 Record Player
with Speaker in Cover
(\$ 79.95 plus projector)

Model 40 Automatic-Same as
Model 40 plus 30/50 cycle
circuit. Fully Automatic

With This Projector

Model 333-RC (150 watt) Electric Remote Control Filmstrip Projector	Comb. 5 \$ 149.45	Comb. 7 \$ 253.50 (Fully Automatic)
Model 666-RC (300 watt) Electric Remote Control Filmstrip Projector	Comb. 6 \$ 163.85	Comb. 8 \$ 264.50 (Fully Automatic)

Model 60 Record Player (With Screen in Cover)

Features:

Same as Model 40. Has built-in screen in detachable cover making it especially ideal for small groups or study carrel application. Fitted compartment will accommodate any of the six 333-666 series projectors. (For study carrel use, a 333, 333-RC, 666 or 666RC projector is recommended because it is fitted with a special $1\frac{1}{2}$ " lens which fills the built-in screen at a projector-to-screen distance of only 19").

Specifications:

Dimensions closed: 8" x $13\frac{1}{4}$ " x $15\frac{1}{4}$ "; weight: 15 lbs., plus projector; speaker 6" oval; electrical 115VAC, 60 cycles, solid state 7 watts (peak power) amplifier.

Model 60 Automatic

Same as Model 60 except for a built-in, 30/50 cycle, solid state circuit for completely automatic operation. Sold only in combination with Model 333-RC or 666-RC projectors.

This Sound Unit... Model 60 Record Player
with Screen in Cover
(\$ 79.95 plus projector)

Model 60 Automatic-Same as
Model 60 plus 30/50 cycle
circuit. Fully Automatic

With This Projector

Model 333 (150 watt) Filmstrip Projector	Comb. 11 \$ 114.00
Model 666 (300 watt) Filmstrip Projector	Comb. 12 \$ 129.00
Model 333-C (150 watt) Filmstrip & Slide Projector	Comb. 13 \$ 129.00

This Sound Unit... Model 60 Record Player
with Screen in Cover
(\$ 79.95 plus projector)

Model 60 Automatic Same as
Model 60 plus 30/50 cycle
circuit. Fully Automatic

With This Projector

Model 666-C Comb. 14
(300 watt)
Filmstrip & Slide Projector \$ 146.00

Model 333-RC Comb. 15
(150 watt)
Electric Remote Control
Filmstrip Projector \$ 149.45

Model 666-RC Comb. 16
(300 watt)
Electric Remote Control
Filmstrip Projector \$ 163.65

Comb. 17

\$ 253.50
(Fully Automatic)

Comb. 18

\$ 264.50
(Fully Automatic)

Model 50/750-A

Consists of Model 50 record player and the 750-A (750 watt) automatic filmstrip/slide projector. It is ample for large auditoriums and may be operated manually, by remote control for fully automatic (system has built-in, solid state 30/50 cycle circuit). Includes: carrying case, remote (forward and reverse) control with cord, automatic filmstrip mechanism and manual slide changer.

--- \$ 372.00 (complete)

Model 400 Cassette (with Speaker in Cover)

Features:

Fitted compartment for any of the six 333-666 series projectors. Speaker (in detachable cover) can be positioned up to 25 feet from unit. Ample power and performance for all sizes and types of classrooms.

Specifications:

Dimensions closed: 13-3/5" x 16" x 9 1/2"; weight: 19 lbs., plus projector; speaker: 6" round; electrical: 115 VAC, 60 cycles; tape: 60 min. play/record time per cassette at 1-7/8 ips; frequency response: 80 to 10,000 Hz; Case: 3/8" vinyl-covered reinforced plywood with heavy-duty hardware. Auxiliary outlets: one standard 1/4" (with ground) speaker or headphone jack and standard electrical outlet (with ground).

This Sound Unit... Model 400 Cassette (With Speaker in Cover (\$ 139.50 plus Projector)

With This Projector

Model 333 Comb. 21
(150 watt)
Filmstrip Projector \$ 177.80

Model 666 Comb. 22
(300 watt)
Filmstrip Projector \$ 189.50

This Sound Unit... Model 400 Cassette with Speaker in Cover (\$ 139.50 plus Projector)

With This Projector

Model 333-C (150 watt) Filmstrip & Slide Projector	Comb. 23 \$ 189.50	Model 333-RC (150 watt) Electric Remote Control Filmstrip Projector	Comb. 25 \$ 217.00
Model 666-C (300 watt) Filmstrip & Slide Projector	Comb. 24 \$ 206.10	Model 666-RC (300 watt) Electric Remote Control Filmstrip Projector	Comb. 26 \$ 228.00

Model 600 Cassette (With Screen in Cover)

Features:

Screen built into detachable cover. Case provides for any of the six 333-666 series projectors as well as films and cassettes. Ideal for small groups and study carrels. (Note: For study carrel use, a 333, 333-RC, 666, 666-RC projector, fitted with a special $1\frac{1}{2}$ " lens which fills the built-in screen at a projector-to-screen distance of only 19", is recommended.

Specifications:

Dimensions closed: 13-3/4" x 16" x 18 $\frac{1}{4}$ "; weight: 15 $\frac{1}{2}$ lbs., plus projector; speaker: 6 $\frac{1}{4}$ " oval; electrical: 115 VAC, 60 cycles; tape: 60 min. play/record time per cassette at 1-1/8" ips; frequency response: 80 to 10,000Hz; case: 3/8" vinyl-covered reinforced plywood with heavy-duty hardware; auxiliary outlets: one standard $\frac{1}{4}$ " (with ground) speaker or headphone jack and one standard electrical outlet (with ground).

This Sound Unit... Model 600 Cassette with Screen in Cover (\$ 139.50 plus Projector)

With This Projector

Model 333 (150 watt) Filmstrip Projector	Comb. 31 \$ 177.80	Model 666-C (300 watt) Filmstrip & Slide Projector	Comb. 34 \$ 206.10
Model 666 (300 watt) Filmstrip Projector	Comb. 32 \$ 189.50	Model 333-RC (150 watt) Electric Remote Control Projector	Comb. 35 \$ 217.00
Model 333-C (150 watt) Filmstrip & Slide Projector	Comb. 33 \$ 189.50	Model 666-RC (300 watt) Electric Remote Control Projector	Comb. 36 \$ 228.00

Series 333 and 666 projectors for use with Standard Record Player and Cassettes.

Features common to all models:

1. Quiet, heavy duty cooling fan.
2. Lamp has built-in proximity reflector.
3. On-off switch.
4. Patented, positive action film advance mechanism.
5. 12-foot power cord.
6. Foolproof threading system.
7. 3" f/3.0 coated anastigmatic lens.
8. Brilliant, high efficiency optical system.
9. Elevation adjustment.
10. Metal lens tube assures perfect lens alignment.
11. Sturdy, all metal housing.
12. Attractive, functional design.

Model 333	150 watt filmstrip projector	\$ 44.95*
Model 666	300 watt filmstrip projector	59.50*
Model 333-C	150 watt combination filmstrip/slide projector	59.50
Model 666-C	300 watt combination filmstrip/slide projector	79.50
Model 333-RC	150 watt remote control filmstrip projector Has film take-up and electric film rewinder	84.95*
Model 666-RC	300 watt remote control filmstrip projector Has film take-up and electric film rewinder	99.50*

Model 1000-C Filmstrip and 2 x 2 Slide Projector

Films advance mechanism gives quick, positive forward and reverse framing; built-in pointer; lenses easily removed for cleaning; foolproof threading system; dual cooling system provides separate blowers to cool projector and film, converts from filmstrips to slides in seconds; convenient on-off fan and lamp switches; warp-proof, all-metal housing; micro-elevation and leveling adjustments; micro-focusing; "push-in" cord receptacle; 12' cord.

\$ 229.80 (Price includes case, lamp and slide changer)

Model 750-C 750 watt Filmstrip and 2 x 2 Slide Projector

For extra large or semi-darkened rooms, has same features as Model 1000-C

\$ 144.80 (Price includes case, lamp and slide changer)

*These projectors are regularly equipped with 3-inch focal length lenses. For a larger picture at a short distance, specify Standard's 1½ inch lens system. Especially recommended for Model 60 and Model 600 combinations, the 1½ inch lens will fill the built-in screen at projector-to-screen distance of only 19 inches. Also ideal for study carrel installation.

Model 500-C2 500 watt Filmstrip/Slide Projector

Considered the perfect projector for most classrooms. Has same features as Model 1000-C and Model 750-C except that the lamp switches are wired so that the lamp won't operate unless fan is on.

\$ 114.80 (Price includes case, lamp, and slide changer)

Model 750-A 750 watt Automatic Filmstrip and Slide Projector

Built-in automatic filmstrip advance and reverse mechanism. Operated by push button on the projector or any remote control. 20' cord with forward and reverse switch; warp-proof and all-aluminum housing; rack and pinion focusing; quiet, high output fan; built-in micro-tilt and leveling adjustments; power film take-up; lenses easily cleaned; cord receptacle; converts from filmstrip to slides in seconds; built-in auxiliary electrical outlet. Can be fitted with EC-1 slide changer.

\$ 214.80 (Price includes case, lamp, and slide changer)

Model 500 RR 500 watt Filmstrip and Slide Projector

Features quiet $5\frac{1}{2}$ " fan; convenient on-off fan and lamp switches wired so that the lamp cannot operate unless fan is on. Film advance mechanism gives quick, positive framing (permits reversing); warp-proof, all-metal construction; converts from filmstrips to slides in seconds; foolproof threading system; precision ground; 5-inch f/3.5, coated anastigmatic lens; micro type elevation adjustment; lenses easily removed for cleaning; 12' power cord.

\$ 89.90 (Price includes carrying case, 2 x 2 slide changer and 500 watt lamp)

Model 1495 Filmstrip Previewer

All metal construction. Distortion-free lens. Convenient on-off switch. 115 VAC.

\$ 17.95

Model 1995 Filmstrip Previewer

All metal. Features a large viewer, film threader, convenient on-off switch. Adjustable for proper viewing angle. 115 VAC.

\$ 24.85

Model 200 Deluxe Filmstrip Previewer

Has king-size magnification and three-stage illumination (battery; 115 VAC; both). All metal construction. Easy threading. Adjustable to viewing angle.

\$ 37.95

Model 201 (without battery circuit)

\$ 34.95

Model 444 Filmstrip Previewer/Projector

Has 7" x 9" translucent Polacoated screen. Room darkening is not necessary. 150 watt fan cooled projector quickly detaches with one thumbscrew for conventional screen viewing. Foolproof threading.

\$ 79.50

Model 999 Filmstrip Previewer

Features an extra large picture area (9" x 6-5/8"); (150 watt); fan cooled 500 hour lamp; foolproof, jam-proof threading mechanism.

\$ 69.95

T. M. VISUAL INDUSTRIES, INC.

The Showoff

TMC Mini Projector complete for showing filmstrips and slides.

For use with a quantity of filmstrips, inexpensive snap-on cartridges available to eliminate excessive film handling. Weighs less than 2 lbs., works on all voltages, 110-220, AC, DC (Also 12 v and 6 v auto battery). 100 watt convection cooled. Brilliant 3-fold performance with precision wide angle lens and 3-condenser lens system. Can be shown on the wall, front or rear screen or carrel. Projects image from 8 x 10 inches to over 8 x 10 feet. Measures 6" x 2-3/4" x 3-3/4". Combines a triple element condensing system with a precision F/2.5 Rohar wide-angle lens.

Model 2010 \$ 39.95

The Showmatic

TMC Mini Projector with a semi-automatic Stakload for slides.

Model 2007S \$ 39.95 (Accessories available)

The Showoff/Soundoff

Filmstrip and slide projector teams up with cassette tape playback unit and a fitted case complete with self-contained screen for the most effective, portable audio-visual tool kit. It is precision made of die cast aluminum construction (22 oz.). Has wide angle optical lens system. Operates on all voltages and available battery pack. For 2" x 2" slides, filmstrips and others. Cassette tape playback or recorder - 3 second snap-in foolproof cassette. Up to 2 hours of high quality sound. Operates on 4 "C" flashlight cells. Simplest push-botton operation. TMC Filmstrip adapter for the TMC Projector. Forward and reverse controls for "Point Making." Snap-on cartridges--three are supplied--to carry your various shows. Fitted case, made of high impact molded plastic with polyurethane insert. Nests for all components and some extra room to spare. Size: 12" x 12" x 4". Self-contained screen in cover of case. Extra space for 2 tape cassettes for up to 6 hours of recording. 7 lbs.

Model 865 \$ 99.50

The Showoff/Soundoff - Model 965

Consists of same features as 865, except that a Solid State Recorder/Playback (battery and AC) is provided complete with Portable Microphone, Earphone, AC Adapter, etc. Total weight 7 lbs.

Model 965 --- \$ 134.50

VIEWLEX

Manual Models

Equipped with a precision filmstrip mechanism incorporating positive framing and click-stop forward and reverse. Filmstrips "float" through gently and safely. Optional accessories include filmstrip take-up mechanism, AUTO-FEED, remote control filmstrip transport, two-way slide carrier, semi-automatic slide changer, microfilm attachment, and carry case.

V-22 (300 watt) Cat. #V220 --- \$ 91.95
V-25 (500 watt) Cat. #V250 --- \$ 109.95
V-27 (750 watt) Cat. #V270 --- \$ 120.95

Remote Control Models

Remote control models feature anywhere-in-the-room operating convenience. It has a palm-sized remote control box, complete with 12 ft. cord, allows you to project frame-by-frame in both forward and reverse at just the touch of a button. It operates in fast-forward and fast-reverse modes. The operator is free to move about in the room while controlling the projector. Optional accessories include manual two-way slide carrier, semi-automatic slide changer, AUTO-FEED, microfilm attachment and carry case.

V-22R (300 watt) Cat. #V-222 --- \$ 137.95
V-25R (500 watt) Cat. #V-252 --- \$ 155.95
V-27R (750 watt) Cat. #V-270 --- \$ 166.95

Auto-Feed Models

The AUTO-FEED mechanism automatically threads and feeds filmstrips into the projectors. Filmstrips may be used in normal roll form or in handy AUTO-FEED cartridges. When filmstrip is ready to be shown, just snap the filmstrip or a loaded cartridge into the AUTO-FEED unit and projection is ready. When finished, the filmstrip is quickly rewound into the cartridge and stored in a convenient File-Book. There is forward and reverse single frame operation, rapid wind forward and fast reverse. Optional accessories include manual two-way slide carrier, semi-automatic slide changer, remote control filmstrip transport, microfilm attachment, and carry case.

V-22A (300 watt) Cat. #V-221 --- \$ 95.95
V-25A (500 watt) Cat. #V-251 --- \$ 113.95
V-27A (750 watt) Cat. #V-271 --- \$ 124.95

The V-500 (for 35mm filmstrips and 2" x 2" slides)

Accommodates 35mm filmstrip single and double frame adjustable for vertical or horizontal projection. Also accepts 35mm slides in all types of 2" x 2" mounts.

"Anti-Hesive" aperture plates eliminate all filmstrip sticking. Unique compact design with hi-impact "lift-off" carry case. Jet action for cooling means quiet, cool operation and longer lamp life. Built-in take-up spool automatically coils filmstrip neatly convenient refilling. "Pop-up" lamp ejector for easy replacement. Convenient magnifying pointer enlarges any specific area of the picture you wish to emphasize.

Equipped with manual slide carrier, "lift-off" carry case, 5" f/3.5 lens. Other interchangeable focal length and multi-focal "zoom" lenses available.

V-500 (500 watt) Cat. #V-005 --- \$ 133.95

The V-4 Group (For single-frame 35mm filmstrips only)

Designed to fill the need for a rugged single-purpose projector in the visual educational and industrial fields. Features simple, convenient push-in threading, positive framing and click-stop forward and reverse. Filmstrips "float" through gently and safely. They offer clean, sharp projection, brilliant illumination and utmost simplicity of operation. Fan-cooled for quiet, efficient operation. Exclusive "pop-up" lamp ejector makes lamp changing easy.

Equipped with 5" Luxtar f/3.5 lens. Other interchangeable focal length and multi-focal "zoom" lenses available.

Filmstrip take-up mechanism available as optional accessory.

V-44 (300 watt) Cat. #V-044 --- \$ 84.95

V-45 (500 watt) Cat. #V-045 --- \$ 99.95

The V-1 "Mini-Giant" (For single-frame 35mm filmstrips and 2" x 2" slides)

A small, lightweight, versatile projector that is ideal for use in school and library study carrels or for home study, as well as for sales presentations (it fits into an attache case). Measures 7" in length, 4" in height and 3" in width, and weighs 3 lbs.

It has simple push-in filmstrip threading. Slide carrier available as optional accessory...accepts 2" x 2" slides in any mount. Special low voltage, high intensity lamp plus 3-element light multiplier optical system with heat filter for cool operation. Easy operating elevating mechanism control. Equipped with f/2.8 lens.

V-1 Cat. #V-175 --- \$ 29.50

The Battery-Operated Group (For 35mm filmstrips and 2" x 2" slides)

Accepts 35mm filmstrips, single and double frame, and 35mm slides in all types of 2" x 2" mounts.

Projection screen is built into the attache case. Conventional projection screen may be used. Gives 1 full hour of projection from its own self-contained "Viewvolt" spillproof battery supply. Built-in recharger will recharge the battery overnight. Projector will operate independently from 6 to 12 volt car battery, or from 115 or 220 AC current by simply changing the lamp. Furnished with sharp, brilliant, 3" f/3.2 projection lens.

Model B Cat. #110 --- \$ 181.95 (With battery and 110 V recharger)
 Model C Cat. #V-111 --- \$ 186.95 (With battery and 220 V recharger)
 Model D Cat. #V-112 --- \$ 203.95 (With battery and 110V and 220 V recharger)
 Model E Cat. #V-113 --- \$ 241.95 (With battery and 12 V, 110 V and 220 V recharger)

The "Little Giant" Group (For 35mm filmstrips and 2" x 2" slides)

Features

Convenient compartment stores slide carrier or filmstrip mechanism right in the projector. Quiet, efficient, flow-thru fan cooling. Rapid-roll film advance and rewind, positive film framing, and clock-stop frame-at-a-time forward and reverse. Push-in, 1-2-3 filmstrip threading. Slide carrier available as optional accessory-accepts 2" x 2" slides in any mount. Comfortable combination carry handle and elevation control. Extremely lightweight and compact. Choice of an "all-purpose" 3" f/3.0 lens or a 2" f3/2 lens for the largest screen images at the shortest projection distances. All models available in combination with the compact "SHOWTALK" sound system.

Manual Models

Economical, with simple-to-operate, quality performance.

With 3" Lens

With 2" Lens

V-8 (150 watt) Cat. #V-080 --- \$ 46.75	Cat. #V-082 --- \$ 48.95
V-83 (300 watt) Cat. #V-083 --- \$ 59.75	Cat. #V-086 --- \$ 61.95

Remote Control Models

Handy, push button remote control switch complete with 12-foot cord lets you operate the projector from anywhere in the room.

With 3" Lens

With 2" Lens

V-8R (150 watt) Cat. #V-081 --- \$ 81.75	Cat. #V-088 --- \$ 83.95
V-83R (300 watt) Cat. #V-084 --- \$ 97.75	Cat. #V-087 --- \$ 99.95

The "Little Giant" V-85

The revolutionary Halogen projection lamp gives you 500 watts of color-true, blue-white light for brilliant crystal-sharp projection images. And it never dims or discolors. Choice of an "all purpose" 3" f/3.0 lens, a 2" f/3.2 lens for the larger screen images at the shortest projection distances, or a 5" lens for projection from the rear of the room.

V-85 (500 watt) Cat. #V-085 (3" lens) --- \$ 82.95
Cat. #V-089 (2" lens) --- \$ 85.95
Cat. #V-090 (5" lens) --- \$ 83.95

Tabletalk and Sight 'N' Sound Teaching Station Models

Self-contained, portable, large screen manual or automatic sight and presentation units. A big, highly-detailed picture viewed on the color-true 8 x 10 inch rear projection screen and clean, crisp, sound delivered from a rugged solid-state, 3 watt amplifier and matching speaker combine for more effective

AV teaching, training, or selling. All models feature:

1-2-3 push-in filmstrip threading. Automatic rewind take-up system. Swing-out, four-speed record player with long-life, dual styli. Self-erecting rear projection screen that moves into position when the case is opened. Internal storage for 12" records and filmstrips. Wood-grain styled, scuff and water-resistant case. Compact, overall size 5" x 15" and portable, weighs just 13 pounds, all models easily set up in seconds.

Automatic Models

Automatic models include all of the features of the manual models, plus three versatile filmstrip advance systems. Completely automatic film advance, activated by a 30.50 cycle inaudible pulse on the record, picture and sound are kept in perfect synchronization, effortlessly. Takes full advantage of the simplicity of the automatic sound-filmstrip programs. Remote control push-button operation. The 12-foot control cable furnished permits operation from anywhere in the room. Continuous filmstrip advance permits location of any desired frame for emphasis or clarification.

The SIGHT 'N' SOUND TEACHING STATIONS (SS Models), are provided with four headphone jacks. Choice of selective jack switches amplifier output to either built-in speaker or the four headphone jacks permitting simultaneous private headphone listening, for increased student concentration, and a quiet room.

Sight 'N' Sound Teaching Stations

Model SS Cat. #V-151-A155 -- \$ 179.95 (Manual operation, complete with four headphones)
Model SSX Cat. #V-151 -- \$ 159.95 (Less headphones)
Model SSA Cat. #V-141-A-155 -- \$ 249.95 (Automatic, complete with four headphones)
Model SSAX Cat. #V-141 -- \$ 229.95 (Less headphones)

Tabletalks (Have no provision for headphone use)

Model TT Cat. #V-150 -- \$ 139.95 (Manual operation)
Model TTA Cat. #V-140 -- \$ 219.95 (Automatic)

The Viewtalk Group (For large group presentation)

Compact, heavy duty, full fidelity sound systems perfect for audio mates to V-2 and V-4 group projectors. Either sound system or projector may be used independently when desired. Records up to 12" may be played, (16" record capacity optional) at any of four speeds. All solid state, modularized circuitry is trouble-free, rugged, and delivers full frequency range sound with minimum distortion. Feather-light tone arm is equipped with perfect tracking flip-over cartridge, and 1 mil and 3 mil long-life styli. The extended-range speaker is housed in the detachable, acoustically-matched case cover, and with the 20-foot extension cable furnished, may be conveniently located to deliver faithful, room-filling sound. Complete units weigh as little as 26 pounds with a projector. VT models are equipped with a 4" x 6" speaker, VH models with a 6" x 9" speaker. Models VT and VTA are designed to carry 300 watt projectors. Models VH and VHA are designed for 500 and 750 watt projectors.

Viewtalk Manual Models

Suggested combinations of projector (See V-2 and V-4 group projectors for specifications of projector models) and VT and VH models with standard amplifier are listed as follows. Filmstrips are advanced manually by the operator, cued from an audible signal on the record.

Model VT-44 Cat. #V-340-044 -- \$ 175.45 (VT with V-44 projector)
Model VT-22 Cat. #V-340-220 -- \$ 182.45 (VT with V-22 projector)
Model VT-22A Cat. #V-340-221 -- \$ 186.45 (VT with V-22A projector)
Model VH-45 Cat. #V-350-045 -- \$ 206.45 (VH with V-45 projector)
Model VH-25 Cat. #V-350-250 -- \$ 216.45 (VH with V-25 projector)
Model VH-25A Cat. #V-350-251 -- \$ 220.45 (VH with V-25A projector)
Model VH27A Cat. #V-350-271 -- \$ 241.45 (VH with V-27 projector)

Viewtalk Automatic Models

Reliable, solid-state, pulse, discriminator circuit assures perfect automatic synchronization of picture and sound, when used with phonograph records recorded with the 30/50 cycle inaudible signal system, and remote control operation may be used at any time to over-ride the automatic pulse, or when using records with audible cue signals. Suggested combination of projectors (see V-22 and V-4 group projectors for specifications of projector models) and VTA and VHA Viewtalks with Automatic amplifier are listed as follows:

Model VTA-22R Cat. #V-341 -- \$ 257.45 (VTA with V-22R Projector)
Model VHA-25R Cat. #V-351-252 -- \$ 288.45 (VHA with V-25R Projector)
Model VHA-27R Cat. #V-351-272 -- \$ 299.45 (VHA with V27-R Projector)

Viewtalks are also available as "Add-on" units and may be purchased separately at any time. For 300 watt projectors (see V-2 and V-4 Group Projectors for specifications of projector models).

Model VT Cat. #V-340 -- \$ 93.95 (Viewtalk only, standard amplifier)
Model VTA Cat. #V-341 -- \$ 124.95 (Viewtalk only, automatic amplifier)

For 500 and 750 watt projectors (see V-2 and V-4 group projectors for specifications of projector models).

Model VH Cat. #V-350 -- \$ 113.95 (Viewtalk only, standard amplifier)
Model VHA Cat. #V-351 -- \$ 139.95 (Viewtalk only, automatic amplifier)

The Showtalk Group (for small group presentations)

Everything contained in one compact carry case. The "Little Giant" projector, and the full fidelity 4-speed record player that takes up to 12 inch records and has a twin styli flip-over cartridge. A convenient 12½ inch projection screen is even built into the lid for desk-top showing. For larger groups, Showtalk may be used with conventional projection screen. Built-in headphone jack. Showtalk is ideal for big sight and sound performance from a compact, lightweight package.

Showtalk Manual Models (See the "Little Giant" group for projector specifications)

Showtalk V-8

Cat. #V-38-080 -- \$ 114.75 (150 watt, 3" lens)
Cat. #V-380-082 -- \$ 116.95 (150 watt, 2" lens)

Showtalk V-83

Cat. #V-380-083 -- \$ 127.75 (300 watt, 3" lens)
Cat. #V-380-086 -- \$ 129.95 (300 watt, 2" lens)

Showtalk V-85

Cat. #V-380-085 -- \$ 150.95 (500 watt, 3" lens)
Cat. #V-380-089 -- \$ 152.95 (500 watt, 2" lens)

Showtalk Remote Control Models (see the "Little Giant" Group for projector specifications)

Showtalk V-8R

Cat. #V-380-081 -- \$ 149.75 (150 watt, 3" lens)
Cat. #V-380-088 -- \$ 151.95 (150 watt, 2" lens)

Showtalk V-83R

Cat. #V-380-084 -- \$ 165.75 (300 watt, 3" lens)
Cat. #V-380-087 -- \$ 167.95 (300 watt, 2" lens)

Viewlex Previewer, Jr.

Permits teachers, pupils, training coordinators to preview filmstrips on the spot without elaborate, time-consuming equipment setup. Made of heavy gauge steel carrying handle which acts as support stand; holds position with non-slip rubber "feet." Threads itself instantly as tip of filmstrip is inserted in transport slot at the front of the unit and advance knob is turned. Positive frame-to-frame film advance. Convex optical viewing screen produces large TV-style image, needle-sharp from corner to corner in brilliant black and white or sparkling full color. Precision guide holds film in continuous perfect focus, no adjustment. Illumination: Light multiplier optical system provides even source of illumination that produces naturally lighted lifelike image. Power supply: UL-approved unit worked from 110-120 AC line current or 2 "C" batteries. Changes to battery operation with the flick of a switch; no accessories necessary. Light weight, made of aluminum and Clad Rex. Overall size: $7\frac{1}{2}$ x $1\frac{3}{4}$ x $3\frac{1}{4}$ inches.

Model I -- \$ 15.95 (for operation on AC current only)
Model II -- \$ 17.95 (for operation on AC and batteries--less batteries)

Viewlex Previewer

Good for four to six teacher preview committees. Simple setup and operation. Screen snaps into luggage type lid, tip of filmstrip slips into transport slot and is ready for previewing. Large viewing area--7" x 9" viewing screen. Has Viewlex self-threading filmstrip advance mechanism click stop indexing. Instant full range focusing knob, located above filmstrip advance dial. The carrying case is of leatherette luggage and measures 3" x 8" x 12" weighs less than 6 lbs.

--- \$ 62.00

FILMSTRIP PROJECTOR COMPANIES

AUDISCAN, INC.	1414-130th Avenue, N. E. Bellevue, Washington 98004
BELL AND HOWELL CO.	Audio-Visual Products Division, 7100 McCormick Road, Chicago, Illinois 60645
DU KANE AUDIO-VISUAL EQUIPMENT CO.	St. Charles, Illinois 60174
ELCO OPTISONICS	Division of Elco Corporation Montgomeryville, Penna. 18936
HUDSON PHOTOGRAPHIC INDUSTRIES, INC.	(Prima) Irvington-on-the-Hudson New York 10533
KALART VICTOR	Plainville, Connecticut 06062
LA BELLE AUDIO/VISUAL EQUIPMENT CO.	500 South Worthington Street Oconomowoc, Wisconsin 53066
LEARNING THROUGH SEEING, INC.	Sunland, California 91040
MAST DEVELOPMENT CO.	2212 E. 12th Street Davenport, Iowa 52803
THE SINGER/GRAFLEX DIVISION	Rochester, New York 14603
STANDARD PROJECTOR & EQUIPMENT CO.	1911 Pickwick Drive Glenview, Illinois 60025
T. M. VISUAL INDUSTRIES, INC.	25 W. 45th Street New York, New York 10036
VIEWLEX, INC.	Holbrook, New York 11741

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LO 3 - 6872

Curriculum Materials Corp.

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CH 7 - 1384

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(Night Line) WA 3 - 2230

Klein & Goodman

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WA 2 - 1216

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904-6 Chestnut Street 19107
WA 3 - 1800